

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 62584(45107)
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/519894</b>
INTERNATIONAL APPLICATION NO. PCT/EP2003/006858	INTERNATIONAL FILING DATE 27 June 2003	PRIORITY DATE CLAIMED 28 June 2002
TITLE OF INVENTION COMBINATION OF A BUILDING MATERIAL AND A BATH FLUID FOR USE IN RAPID PROTOTYPING METHODS		
APPLICANT(S) FOR DO/EO/US Hinrich Wiese et al.		


Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
- ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
- ☒ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
- ☒ The US has been elected (Article 31).
- ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - ☒ is attached hereto (required only if not communicated by the International Bureau).
  - ☐ has been communicated by the International Bureau.
  - ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☒ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
  - ☒ is attached hereto.
  - ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
- ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - ☒ are attached hereto (required only if not communicated by the International Bureau).
  - ☐ have been communicated by the International Bureau.
  - ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - ☐ have not been made and will not be made.
- ☒ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
- ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
- ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

- ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- ☒ A preliminary amendment.
- ☒ An Application Data Sheet under 37 CFR 1.76.
- ☐ A substitute specification.
- ☐ A power of attorney and/or change of address letter.
- ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
- ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
- ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- ☒ Other items or information: Return Receipt Postcard, Copy of PCT Request Form, Copy of Published PCT Application No. WO 2004/002721 A1, Form PCT/IB/304, Form PCT/ISA/210, Form PCT/IPEA/409

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/519894</b>		INTERNATIONAL APPLICATION NO. PCT/EP2003/006858		ATTORNEY'S DOCKET NUMBER 62584(45107)	
21. The following fees are submitted:				Applicant Use	Office Use Only
<input checked="" type="checkbox"/>	a) Basic national fee .....	\$300.00	\$	300.00	
<input checked="" type="checkbox"/>	b) Examination fee .....	\$200.00	\$	200.00	
<input checked="" type="checkbox"/>	c) Search fee .....	\$500.00	\$	500.00	
TOTAL OF ABOVE CALCULATIONS =			\$	1,000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
24 - 100 =	/50 =		x \$250.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	- 20 =		x	\$	
Independent claims	- 3 =		x	\$	
MULTIPLE DEPENDENT CLAIM(s) (if applicable)			+	\$	
TOTAL OF ABOVE CALCULATIONS =				\$	1,000.00
<input checked="" type="checkbox"/>	Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.			\$	500.00
SUBTOTAL =				\$	500.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				+	\$
TOTAL NATIONAL FEE =				\$	500.00
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	\$
TOTAL FEES ENCLOSED =				\$	500.00
Amount to be refunded:					\$
Amount to be charged:					\$
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>04-1105</u> in the amount of \$ <u>500.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>04-1105</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:					
Peter F. Corless EDWARDS & ANGELL, LLP P.O. Box 55874 Boston, Massachusetts 02205 (617) 439-4444 CUSTOMER NUMBER: 21874			SIGNATURE:  Peter F. Corless NAME 33,860 REGISTRATION NUMBER		

10/519894

DT05 Rec'd PCT/PTO 28 DEC 2004

Application No. (if known):

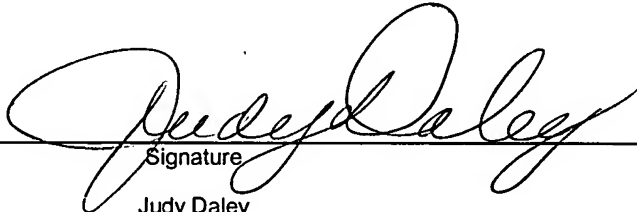
Attorney Docket No.: 62584(45107)

## Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV517931605US in an envelope addressed to:

MS PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on December 28, 2004  
Date



Signature

Judy Daley

Typed or printed name of person signing Certificate

Registration Number, if applicable

(617) 439-4444  
Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify

10/519894

DT05 Rec'd PCT/PTO 28 DEC 2004

Note: each submitted paper.

Application Data Sheet (2 pages)  
Return Receipt Postcard, Copy of PCT Request Form, Copy of Published  
PCT Application No. WO 2004/002721 A1, Form PCT/IB/304, Form  
PCT/ISA/210, Form PCT/IPEA/409  
Copy of the International application  
English language translation of the International application  
Amendments to the claims of the International application  
English language translation of the amendments to the claims  
Oath or declaration of the inventor(s)  
Assignment document for recording  
Preliminary Amendment  
Assignment (5 pages)  
Transmittal Letter to the United States Designated-Elected Office (2  
pages)  
IDS (Citation) by Applicant (13 References)  
Information Disclosure Statement  
Recordation Form Cover Sheet  
Charge \$540.00 to deposit account 04-1105

10/519894

DT05 Rec'd PCT/PTO 28 DEC 2004

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 62584(45107)

**Certificate of Express Mailing Under 37 CFR 1.10**

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV517931605US in an envelope addressed to:

MS PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on December 28, 2004  
Date



Signature

Judy Daley

Typed or printed name of person signing Certificate

Registration Number, if applicable

(617) 439-4444

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Application Data Sheet (2 pages)  
Return Receipt Postcard, Copy of PCT Request Form, Copy of Published  
PCT Application No. WO 2004/002721 A1, Form PCT/IB/304, Form  
PCT/ISA/210, Form PCT/IPEA/409  
Copy of the International application  
English language translation of the International application  
Amendments to the claims of the International application  
English language translation of the amendments to the claims  
Oath or declaration of the inventor(s)  
Assignment document for recording  
Preliminary Amendment  
Assignment (5 pages)  
Transmittal Letter to the United States Designated-Elected Office  
IDS (Citation) by Applicant (13 References)  
Information Disclosure Statement  
Recordation Form Cover Sheet  
Charge \$540.00 to deposit account 04-1105